

**Request to Archive
With The National Centers for Environmental Information
For Collaborative Aviation Weather Statement (CAWS)
Provided by NOAA/NWS/NCEP/AWC**

2015-03-30

This information will be used by NCEI to conduct an appraisal and make a decision on the request.

1. Who is the primary point of contact for this request?

Bruce Entwistle
NOAA/NWS/NCEP/AWC
Acting Aviation Support Branch Chief
816.584.7237
bruce.entwistle@noaa.gov

2. Name the organization or group responsible for creating the dataset.

NOAA/NWS/NCEP/AWC

3. Provide an overview summarizing the scope of data you want to archive. Describe the outputs, data variables, including their measurement resolution and coverage.

The Collaborative Aviation Weather Statement (CAWS) is a NWS product targeted for use by the Aviation Traffic Flow Management community and by airlines.

This is an event-driven product and is produced through collaboration of AWC, CWSUs, the FAA, and aviation stakeholders. It provides a short-term forecast of aviation hazards, initially focussing on thunderstorms.

There are two official outputs, both of which need to be archived.

Text - FAUS11 KKCI

Graphic - PMNC00 KKCI

4. What is the time period covered by the dataset? (YYYY-MM-DD, YYYY-MM or YYYY)

From 2015-03-01

Ongoing as continuous updates to the data record

5. Edition or version number(s) of the dataset:

N/A

6. Approximate date when the dataset was or will be released to the public:

2015-04-30

7. Who are the expected users of the archived data? How will the archived data be used?

Archived data will be accessed by NWS for verification purposes, by the FAA human-factors specialists, and for post-event evaluations

8. Has the dataset undergone user evaluation and/or an independent review process? Did NCEI participate in design reviews?

Product was designed in conjunction with the FAA Collaborative Decision Making - Weather Evaluation Team (CDM-WET)

9. Describe the dataset's relationship to other archived datasets, such as earlier versions or related source data. If this is a new version, how does it improve upon the previous version(s)?

N/A

10. List the input datasets and ancillary information used to produce the data.

Observations: Surface observations, radar, satellite, lighting, other

Forecasts: Numerical Weather Prediction Models, nowcasts, other

11. List web pages and other links that provide information on the data.

<http://www.aviationweather.gov/caws>

12. List the kinds of documents, metadata and code that are available for archiving. For example, data format specifications, user guides, algorithm documentation, metadata compliant with a standard such as ISO 19115, source code, platform/instrument metadata, data/process flow diagrams, etc.

1. http://products.weather.gov/PDD/CAWS_PDD.pdf

2. <http://www.aviationweather.gov/caws/help>

13. Indicate the data file format(s).

1. ASCII

2. PNG

14. Are the data files compressed?

No

15. Provide details on how the files are named and how they are organized (e.g., file_name_pattern_YYYYMM.tar in monthly aggregations).

Current archive scheme is

20150330/FAUS11_KKCI_300010_CCA

20150330/FAUS11_KKCI_300200_

20150330/PMNC00_KKCI_300010_CCA

20150330/PMNC00_KKCI_300200_

16. Explain how to access sample data files and/or a file listing for previewing. If it is not available now, when will it be available?

Sample data are available from:

<http://http://www.aviationweather.gov/caws/archive>www.aviationweather.gov/caws/archive

17. What is the total data volume to be submitted?

Historic Data: all historic data or data submitted as a completed collection.

Total Data Volume: 2MB

Number of Data Files: 117

Continuous Data: data volume rate for a continuous data production.

Total Data Volume Rate: 300KB per Day

Data File Frequency: 12 per Day

Data Production Start: 2015-03-01

18. Are later updates, revisions or replacement files anticipated? If so, explain the conditions for submitting these additional data to the archive.

Files should be archived as they come across NOAAport

FAUS11 KKCI

PMNC00 KKCI

19. Describe the server that will connect to the ingest server at NCEI for submitting the data.

Physical Location: NWS TOC

System Name: NWS TOC

System Owner: NWS TOC

Additional Information:

20. What are the possible methods for submitting the data to NCEI? Select all that apply.

1. Unidata LDM

NOAAport or NWS TOC

21. Identify how you would like NCEI to distribute the data. Web access support depends on the resources available for the dataset.

1. Direct download links

22. Will there be any distribution, usage, or other restrictions that apply to the data in the archive?

No known constraints apply to the data.

23. Discuss the rationale for archiving the dataset and the anticipated benefits. Mention any risks associated with not archiving the dataset at NCEI.

This archive will allow wide range of government and industry users to have access to the data sets after

24. Are the data archived at another facility or are there plans to do so? Please explain.

They are currently being archived locally at the AWC until NCDC is

25. Is there an existing agreement or requirement driving this request to archive? Have you already contacted someone at NCEI?

Was directed to this form by Nancy Ritchey

26. Do you have a data management plan for your data?

No

27. Have funds been allocated to archive the data at NCEI?

No

28. Identify the affiliated research project, its sponsor, and any project/grant ID as applicable.

N/A

29. Is there a desired deadline for NCEI to archive and provide access to the data?

Archive by: 2015-04-30

Accessible by: 2015-04-30

30. Add any other pertinent information for this request.

Please provide feedback on how best to proceed on archiving data via the TOC.